

## Abstract

A coated metal formed article, which has excellent the anti-rust properties and the corrosion resistance without performing a chromate treatment and without depending on the kind of a phenol compound to be added to an intermediate layer, and a method for forming such a coated metal formed article are provided. For the coated metal formed article and the method of forming such a coated metal formed article, a zinc-containing porous coating layer, a phenol-modified silicon compound layer, and a fluorine resin-containing layer are sequentially formed on the surface of a metal formed article, and the fluorine resin-containing layer contains a fluorine resin as well as at least one organic resin selected from a polyester resin, a polyacryl resin, a polyolefin resin, a polyurethane resin, and a polycarbonate resin, where the amount of the fluorine resin added is in the range of 1 to 200 parts by weight with respect to 100 parts by weight of the organic resin.